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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,816	02/24/2004	Naohiro Yamaguchi	00862.023472.	1151
5514 7590 09/07/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER KASSA, YOSEF	
			ART UNIT 2624	PAPER NUMBER
			MAIL DATE 09/07/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/784,816	<b>Applicant(s)</b> YAMAGUCHI, NAOHIRO	
	<b>Examiner</b> YOSEF KASSA	<b>Art Unit</b> 2624	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rogan et al (U.S. Patent 5,170,466), and further in view of Irons et al (U.S. Patent 6,427,032).

With regard to claim 1, Rogan discloses a checking step of checking based on a predetermined reference whether each digital document is to be stored in a compressed or non-compressed state (refer to col. 13, lines 50-64); and

a generation step of generating the archive file by controlling to store a digital document (refer to col. 23, lines 27-34), which is determined in the checking step to be stored in a compressed state, in the compressed state, and controlling a digital document, which is determined in the checking step to be stored in a non-compressed state, in the non-compressed state (refer to col. 23, lines 35-50).

While Rogan discloses storage/retrieval system for image documents, Rogan does not disclose expressly for archive file that storing digital document. However, at the same field of endeavor, Irons discloses this feature (refer to col. 7, lines 47-51). At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate Irons teaching,

image document storage system into Rogan system. The suggestion/motivation for doing so would have been to provide archive paper based document. Therefore, it would have been obvious to combine Ohki with Kawamoto to obtain the invention as specified in claim 1.

With regard to claim 2, Rogan discloses wherein the predetermined reference is an access frequency to each digital document (refer to col. 36, lines 43-54) .

With regard to claim 3, Rogan discloses wherein the predetermined reference is a format of each digital document (refer to col. 13, lines 56-64).

With regard to claim 4, Rogan discloses wherein the predetermined reference is a compression ratio upon compressing each digital document (refer to col. 36, lines 43-62).

With regard to claim 5, Rogan discloses further comprising an extraction step of extracting a digital document from the archive file generated in the generation step (refer to col. 13, lines 14-23).

With regard to claim 6, Rogan discloses further comprising an acquisition step of acquiring a desired digital document using a table, and wherein the table has location information of each stored digital document, and is contained in the archive file (refer to col. 38, lines 31-35).

With regard to claim 7, Rogan discloses computer program for making a computer execute respective steps in an information processing method (refer to col. 37, lines 43-62).

Claim 8 is similarly analyzed and rejected the same as claim 7.

Claims 9-34 are similarly analyzed and rejected the same as claims 1-8.

***Other Prior Art Cited***

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent No. (6115509), (5257328), (5187750), (5978477) and (5867597).

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOSEF KASSA whose telephone number is (571) 272-7452. The examiner can normally be reached on Monday-Thursday from 8:00 AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta can be reached on (571) 272-7453. The fax phone numbers for the organization where this application or proceeding is assigned is (571) 273-8300 for regular communication and (571) 273-8300 for after Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the customer service office whose telephone number is (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

10/24/2006.

**YOSEF KASSA**

**PRIMARY EXAMINER**

A handwritten signature in black ink, appearing to read 'Yosef Kassa', written in a cursive style.